

ATTORNEY DOCKET NO. 21101.0049U2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	f)			
Sanchez et a	al.)	Art Unit:	Unass	signed
Application No.	10/532,198)	Examiner:	Unass	signed
Intl Filing Date:	October 22, 2003)	Confirmation	n No.	8394
For: MANAGIN DATABAS	IG BIOLOGICAL ES)))			

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 NEEDLE & ROSENBERG, P.C. Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. §1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

ATTORNEY DOCKET NO. 21101.0049U2 Application No. 10/532,198

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

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I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Charley F. Brown

Date

JUL 3 1 2006

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INFORMATION DISCLOSURE STATEMENT LIST

(Use as many sheets as necessary)

Co	omplete if Known	- -
Application Number 10/532,198		
Filing Date	10/22/03	
First Named Inventor	Sánchez	
Group Art Unit	Unassigned	
Examiner Name	Unassigned	

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			U.S. PATENT [21116	Onassigned	
Examiner's	Cite	Document No.	Date	Name	Class	Subclass	Filing Date (if
Initials	No.				Class	Subclass	appropriate
	A1	US 2002/0102604 A1	08/1/2002	Edwards et al.			
	A2	US 2002/0072865 A1	06/13/2002	Hogue et al.			
	A3	6,363,399 B1	03/26/2002	Maslyn et al.			
	A4	6,303,297 B1	10/16/2001	Lincoln et al.			
		FO	REIGN PATEN	T DOCUMEN	TS		
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Nar	ne	Translation	Yes/No
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Examiner's	Cite		NON-PATENT I				i jar
Initials	No.	Non-rate	nt Citations (include Au	utnor, Title, Publisher, R	elevant Pages, Da	te and Place of Publica	ation)
	A5	Adoutte et al., "Animal evolution. The end of the intermediate taxa?" Trends. in Genet.					
		15(3):104-108 (1999)					
	A6	Agata and Watanabe, "	Molecular and	d cellular aspe	ects of plan	narian regene	eration." Semin.
	Cell Dev. Biol. 10:377-383 (1999)						
	A7				rotein database		
	A8				103-410 (1990)		
	A9	Baguñà and Romero, "					
		regeneration in the plan	narians <i>Dugesi</i>	esia mediterranea and Dugesia tigrina" Hydrobiologia			i" Hydrobiologia
		84:181-194 (1981)			, 8		
A10 Benazzi et al., "The Fissiparous Race of the Planarian Dugesia Lugubris S.L. F			S.L. Found in				
	Barcelona (Spain) Belongs to the Biotype G: Comparative Analysis of the Karyotypes				ne Karyotypes."		
Caryologia 25(1):59-68 (1972) A11 Benfey P.N., "Stem cells: A tale of two kingdoms." Curr. Biol. 9:R171-R172 (199)							
				R172 (1999)			
	A12 Cebrià et al., "FGFR-related gene nou-darake restricts brain tissues to the head region of planarians." Nature 419:620-624 (2002) A13 Frishman et al., "Combining diverse evidence for gene recognition in completely			e head region of			
				-			
sequenced bacterial genomes." Nucleic Acids Res. 26(12):2941-2947 (1998)			98)				
	A14	Gschwentner et al., "Stem cells in a basal bilaterian. S-phase and mitotic cells in					
Convolutriloba longifissura (Acoela, Platyhelminthes)." Cell Tissue Res. 304:401-4							
		(2001)					
	A15	Henry et al., "The Unic	ue Developme	ental Progran	of the Ac	oel Flatworn	n, <i>Neochildia</i>
		fusca." Dev. Biol. 220:2	285-295 (2000))			

Examiner Signature:	Date Considered:
EXAMINER: Initial if reference considered, whether or	not citation is in conformance with MPEP 609; Draw line through citation if not in
conformance and not considered. Include copy of this for	m with next communication to applicant.



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Ī	Со	mplete if Known
Application Number 10/532,198		10/532,198
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	First Named Inventor	Sánchez
	Group Art Unit	Unassigned
	Examiner Name	Unassigned

		Examiner Name	Unassigned	
A16	Jackson et al., "Improving Cluster Uti			
	presented at Proceedings International Conference on Parallel Processing, Valencia, Spain (2001)			
A17	Kyrpides and Olsen, "Archael and base or common ancestry?" Trends in Gen			
A18	Ladurner et al., "Spatial Distribution			
	Hatchlings and Adults in the Marine l			
	Bromodeoxyuridine Analysis." Dev. 1	Biol. 226:231-241 (200	0)	
A19	Lander et al., "Initial sequencing and (2001)	analysis of the human	genome." <i>Nature</i> 409:860-921	
A20	Lawrence and Reilly, "An Expectatio			
	Identification and Characterization of			
421	PROTEINS: Structure, Function, and			
A21	Lawrence et al., "Detecting Subtle Se Multiple Alignment," <i>Science</i> 262:20		os Sampling Strategy for	
A22	Lillie, F. R., "Some Notes on Regeneration 34:173-177 (1900)	ration and Regulation is	n Planarians." Am. Nat.	
A23	Liu and Lawrence, "Bayesian Inference on biopolymer models." <i>Bioinformatics</i> 15(1):38-52 (1999)			
A24	Liu et al., "Bayesian Models for Multiple Local Sequence Alignment and Gibbs Sampling			
	Strategies." Journal of the American	Statistical Association S	90(432):1156-1170 (1995)	
A25	Liu et al., "Markovian Structures in Biological Sequence Alignments." J. Amer. Stat. Assoc. 94(445):1-15 (1999)			
A26	Martin and Orkin, "Transcriptional activation and DNA binding by the erythroid factor			
	GF-1/NF-E1/Eryf 1."Genes & Develo			
A27	McCue et al., "Phylogenetic footprinting of transcription factor binding sites in proteobacterial genomes." <i>Nucleic Acids Res.</i> 29(3)774-782 (2001)			
A28	Neuwald et al., "Gibbs motif sampling: Detection of bacterial outer membrane protein repeats." <i>Protein Science</i> 4:1618-1632 (1995)			
A29	Newmark and Sánchez, "Bromodeox Cells of Planarians." Dev. Biol. 220:1	yuridine Specifically La 42-153 (2000)	abels the Regenerative Stem	
A30	Newmark and Sánchez, "Not your fat functional genomics." Nat. Rev. Gene	her's planarian: a class	sic model enters the era of	
A31	Omichiniski et al., "NMR Structure o Binding Domain of GATA-1." Science	f a Specific DNA Comp	plex of Zn- Containing DNA	
A32	Orkin, S.H., "Regulation of globin ge 231:271-281 (1995)		oid cells." Eur. J. Biochem.	

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STATEMENT LIST		Filing Date	10/22/03	
41.1		First Named Inventor	Sánchez	
(08	se as many sheets as necessary)	Group Art Unit	Unassigned	
		Examiner Name	Unassigned	
A33	Robb and Sánchez, "Identification of	f Immunological Reager	nts for Use in the Study of	
	Freshwater Planarians by Means of V			
	Microscopy." Genesis 32:293-298 (2			
A34	Romero and Baguñà, "Quantitative c			
,	freshwater planarians (Tubellaria; Tr		lescription of the intact	
	organism." Invert. Reprod. Dev 19(2)		·	
A35	Rubin et al., "Comparative Genomics			
A36	Sachidanandam et al., "A map of hur			
	million single nucleotide polymorphi			
A37	Sánchez and Newmark, "Double-stra			
	during planarian regeneration." Proc			
A38	Sanchez et al., "The Schmidtea media			
	studying platyhelminthes, stem cells and regeneration." Development 129:5659-5665			
A39	(2002)	1 1 1 11		
A39	Sánchez. and Newmark "The use of planarians to dissect the molecular basis of metazoan			
A40	regeneration." Wound Rep. Regen. 6:			
740	Stanhope et al., "Phylogenetic analys bacteria to vertebrates." <i>Nature</i> 411:		ontal gene transfers from	
A41			and DNIA frame at the	
71.11	Stormo and Hartzell, "Identifying protein-binding sites from unaligned DNA fragments." <i>Proc. Natl. Acad. Sci. USA</i> 86:1183-1187 (1989)			
A42	Toledo et al., "IN VITRO CULTURE OF TAENIA CRASSICEPS LARVAL CELLS AND			
	CYST REGENERATION AFTER INJECTION INTO MICE." J. Parasitol. 83(2):189-193 (1997)			
A43				
	region of both the mature and regenerating brain." Dev. Growth Differ. 39:723-727 (1997)			
A44	Wasserman et al., "Human-mouse ge	enome comparisons to le	ocate regulatory sites." Natur	
	Genetics 26:225-228 (2000)			
A45	Williams and Zobel, "Indexing and F	Retrieval for Genomic D	Database." IEEE Transactions	
	on Knowledge and Data Engineering 14(1):63-78 (2002)			

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